

9318 Paired - 300 Volt PLTC/ITC/CMG



For more information please
call

1-800-Belden1

See Put-ups and Colors

**Color Code Chart : ICEA
Table E2.pdf**

Description:

18 AWG, 1 Pair, Stranded (19x30) Tinned Copper, Overall Beldfoil® Shield, PVC Insulation, PVC Jacket

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	1
Number of Conductors	2
AWG	18
Stranding	19x30
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
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OVERALL CABLING:

Overall Cabling Direction	Left-hand Lay
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OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield % Coverage	100 %

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	20
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.037 in.
Outer Jacket Ripcord	Yes

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.233 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +105°C
Non-UL Temperature Rating	105°C
Bulk Cable Weight	32 lbs/1000 ft.
Max. Recommended Pulling Tension	60 lbs.
Min. Bend Radius (Install)	2.25 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	PLTC, ITC, CMG
CEC/C(UL) Specification	CMG

FLAME TEST:

UL Flame Test	UL1581 Vertical Tray
C(UL) Flame Test	FT4
IEEE Flame Test	1202

SUITABILITY:

Suitability - Indoor	Y
Suitability - Outdoor	Y
Sunlight Resistance	Y

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Capacitance Conductor to Shield @ 1 KHz	100 pF/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	54 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	5.96 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	9 Ohms/1000 ft

Max. Operating Voltage - UL :

UL Voltage	UL
300	PLTC
150	ITC
300	CMG

Max. Recommended Current 5.5 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9318 060U1000	2 #18 PVC SHLD PVC	U1000	34	CHROME	
9318 060U500	2 #18 PVC SHLD PVC	U500	17	CHROME	

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